

2.0001. *Neocylloepus*, a new genus from Texas and Central America (Coleoptera: Dryopoidea: Elmidae)

ABSTRACT—The genus *Neocylloepus* is created to include *N. (Elmis) sculptipennis* Sharp 1882, *N. hintoni* (= *Cylloepus sculptipennis* as redescribed by Hinton, 1940) in the Mexican states of Mexico and Morelos, *N. boeseli* from Devil's River, Texas and the state of Nuevo Leon, Mexico, *N. arringtoni* from Rio Axtla in southeastern San Luis Potosi, Mexico, *N. petersoni* from northern Chiapas, Mexico, and *N. sandersoni* from Costa Rica and Panama. The range of the type species, *N. sculptipennis*, extends from the state of Nayarit in Mexico through Guatemala and Honduras to northwestern Nicaragua. Two of the new species being based upon unique male specimens, the species key is based largely upon male characters, especially those of the genitalia. *N. hintoni* is based upon Hinton's description. Types of the other 4 new species are deposited in the Stovall Museum of Science and History, Norman, Oklahoma. A total of 142 adults and 91 larvae were examined. Since both adults and larvae key out to various other genera (*Cylloepus*, *Elsianus*, *Microcylloepus*, and *Neaelmis*) in existing keys to the elmids of Mexico and the United States, modifications of the keys of Arnett, Bertrand, Hinton, Leech and Chandler, and Leech and Sanderson are presented for the insertion of *Neocylloepus*. This genus is probably closest to *Hexacylloepus*.—H. P. BROWN.

FIELD NOTE

3.0002 **Additional Distributions for Species of *Phratora* Chevrolat.**—The genus *Phratora* Chevrolat has been revised by Brown (1951, Canadian Entomol., 88, pp. 121-130), who also recorded new distributions for this genus in two subsequent papers (1952, Canadian Entomol., 84, pp. 335-342; and 1961, Canadian Entomol., 93, pp. 967-977). A study of specimens in the South Dakota State University Insect Collection and those collected by the author has shown some interesting new distributions.

Of prime interest is *Phratora interstitialis* Mannerheim. A single male of this species was collected by sweeping at Crooks Tower Lake in the Black Hills, Lawrence County, South Dakota, August 4, 1967, elevation 7140 feet. No host plant was noted. Both external characters and features of the aedeagus refer it to this species. Heretofore easternmost records were from Great Slave Lake, Northwest Territories, and southernmost from east-central British Columbia. Thus, this specimen, in addition to simply being a new state record, represents an extension of range of more than 950 miles.

Brown (1961) indicated that the range of *Phratora frosti remissa* Brown included the Black Hills, South Dakota. I have collected five Black Hills specimens in Lawrence County, South Dakota, and the S.D.S.U. Insect Collection contains six other specimens: five from Medicine Bow Lodge, Colorado, and one from Sherridon, Manitoba.

A third South Dakota *Phratora* species is *P. purpurea purpurea* Brown. The following records for this species represent the southwesternmost known distribution and also a new state record. Although recorded from as far west as British Columbia *P. p. purpurea* has, until now, been reported no further south than eastern Ontario, or, in the Midwest, Riding Mountain, Manitoba. The South Dakota records now extend its range at least 460 miles. This material includes the following Black Hills specimens: two from Sylvan Lake, Custer County (previously determined by H. S. Barber as *P. americana* Schaeffer, prior to Brown's recognition of *P. purpurea* as a distinct species), one from Sturgis, Meade County; three from Lead, twelve from Pluma, twelve from Englewood, five from Hanna Campgrounds, Lawrence County; and one from Mickelson and three from Ditch Creek (four miles south of Deerfield), Pennington County. One specimen from 100 miles east of the Black Hills, Kennebec, Lyman County, also is in the S. D. S. U. collection. An additional new state record for this species is a single specimen, which I collected ten miles south of Red Lodge, Carbon County, Montana. Edward U. Balsbaugh, Jr., South Dakota State University, Brookings, South Dakota 57006.

DESCRIPTORS: Coleoptera; Chrysomelidae; *Phratora*; S. Dak., Mont., Col., Manitoba, B. C.